10/3/02

To: QUE LE

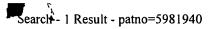
Re: 10/039,336 US 5,981,940

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,
Darcy Bates
STIC-EIC2800
306-5419
CP4-9C 18



Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents (i)

Terms: patno=5981940 (Edit Search)

08929539 () 5981940 November 9, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT 5981940

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Link to Claims Section S GET 1st DRAWING SHEET OF 2

November 9, 1999

Angle measuring system with a clampable shaft

REISSUE: October 29, 2001 - Reissue Application filed Ex. Gp.: 2878; Re. S.N.

10/039,336April 23, 2002

INVENTOR: Setbacken, Robert, Santa Barbara, CA; Goeden, Richard Michael, Santa

Barbara, CA

APPL-NO: 08929539 ()

FILED-DATE: September 15, 1997

GRANTED-DATE: November 9, 1999

ASSIGNEE-AT-ISSUE: Renco Encoders, Inc., Goleta, CA

ASSIGNEE-AFTER-ISSUE: March 30, 1998 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE

DOCUMENT FOR DETAILS)., RENCO ENCODERS, INC. 26 COROMAR DRIVE GOLETA,

CALIFORNIA 93117,, Reel and Frame Number: 009080/0281

LEGAL-REP: Brinks Hofer Gilson & Lione

PUB-TYPE: November 9, 1999 - Utility Patent having no previously published pre-grant

publication (A)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 250#23113

US-ADDL-CL: 250#23118

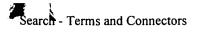
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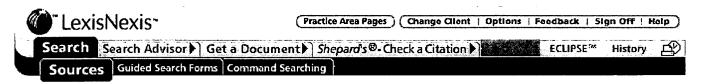
IPC-MAIN-CL: G 01D005#34

PRIM-EXMR: Le, Que T.

REF-CITED:

4031441, 1977, United States (US) 4652748, 1987, United States (US)





Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility Patents (1)

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US 5,981,940

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Selected file: PLUSPAT
  PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
 Comprehensive Worldwide Patents database
 New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
 Last update of file: 2002/10/02 (YYYY/MM/DD) 2002-39/UP (basic update)
 Search statement
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  ** SS 1: Results 1
 Search statement
?prt fu legalall max
  1/1 PLUSPAT - (C) QUESTEL-ORBIT
 PN - US5981940 A 19991109 [US5981940]
     - (A) Angle measuring system with a clampable shaft
     - (A) RENCO ENCODERS INC (US)
     - (A) SETBACKEN ROBERT (US); GOEDEN RICHARD MICHAEL (US)
     - US92953997 19970915 [1997US-0929539]
- US92953997 19970915 [1997US-0929539]
 PR
 IC
     - (A) G01D-005/34
     - G01D-005/347C2
 PCL - ORIGINAL (O) : 250231130; CROSS-REFERENCE (X) : 250231180
     - Corresponding document
     - US4031441; US4652748; DE3038005 A1; DE89151097
 STG - (A) United States patent
     - The angular measuring system has a hollow pick-up shaft whose end is
        slitted, and the slitted area has an interior thread. A screw with an
        exterior thread is provided for clamping the pick-up shaft in a bore
        of a driveshaft. The screw is turned into the pick-up shaft until it
        is axially supported on a detent. By further turning of the screw the
        thread flanks of the interior thread and of the exterior thread cause
        the slit end of the pick-up shaft to be spread open radially.
 1/1 LGST - (C) LEGSTAT
 PN - US 5981940 [US5981940]
     - US 929539/97 19970915 [1997US-0929539]
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 ACT - 19970915 US/AE-A
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      - 19991109 US/A
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      - 20020423 US/RF
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  UP - 2002-18
  1/1 CRXX - (C) CLAIMS/RRX
 AN - 3232930
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PN - 5,981,940 A 19991109 [US5981940]

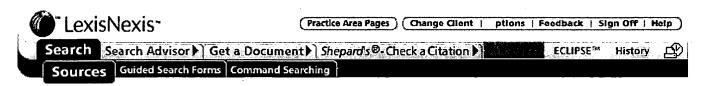
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PT - E (Electrical)
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        Reissue Patent Number:
  UP - 2002-17
  UACT- 2002-04-23
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  AN - 200217-001780
     - 5981940 A [US5981940]
  DT
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  OG - 2002-04-23
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  ACT - REISSUE APPLICATION FILED
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  1/3 INPADOC - (C) INPADOC
  PN - EP 902256 A3 20020522 [EP-902256]
  TI - ANGLE MEASURING DEVICE
  LA - GER
  IN - SETBACKEN ROBERT [US]; GOEDEN RICHARD MICHAEL [US]
  PA - HEIDENHAIN GMBH DR JOHANNES [DE]
  AP - EP 98113081/98-A 19980714 [1998EP-0113081]
  PR - US 929539/97-A 19970915 [1997US-0929539]
    - G01D-005/347; F16D-001/08
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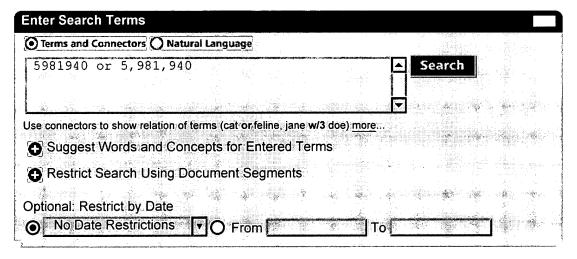
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     AL; LT; LV; MK; RO; SI
    - 19990317 EP/A2 [+]
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    - 19990818 EP/RIN1
      INVENTOR (CORRECTION)
    SETBACKEN, ROBERT * GOEDEN, RICHARD, MICHAEL - 20020522 EP/AK-A3 [+]
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    - 20020522 EP/A3 [+]
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    - 20020522 EP/RIC1
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      7G 01D 5/347 A, 7F 16D
                                1/08
UP - 2002-21
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PN - EP 902256 A2 19990317 [EP-902256]
   - ANGLE MEASURING DEVICE
LA - GER
IN - SETBACKEN ROBERT [US]
PA - HEIDENHAIN GMBH DR JOHANNES [DE]
   - EP 98113081/98-A 19980714 [1998EP-0113081]
PR - US 929539/97-A 19970915 [1997US-0929539]
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ACTE- 19980714 EP/AE-A
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      AL; LT; LV; MK; RO; SI
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- 19990317 EP/A2 [+]
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    - 19990818 EP/RIN1
     INVENTOR (CORRECTION)
    SETBACKEN, ROBERT * GOEDEN, RICHARD, MICHAEL - 20020522 EP/AK-A3 [+]
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      7G 01D 5/347 A, 7F 16D 1/08 B
UP - 2002-21
3/3 INPADOC - (C) INPADOC
PN - US 5981940 A 19991109 [US5981940]
   - ANGLE MEASURING SYSTEM WITH A CLAMPABLE SHAFT
IN - SETBACKEN ROBERT [US]; GOEDEN RICHARD MICHAEL [US]
PA - RENCO ENCODERS INC [US]
AP - US 929539/97-A 19970915 [1997US-0929539]
PR - US 929539/97-A 19970915 [1997US-0929539]
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PN - US 5981940 [US5981940]
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    - 19991109 US/A
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    - 20020423 US/RF
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UP - 2002-18



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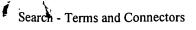
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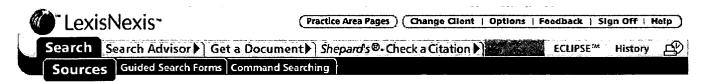
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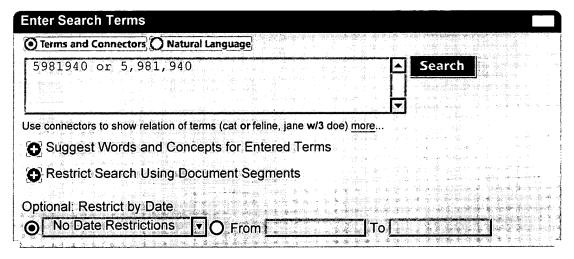
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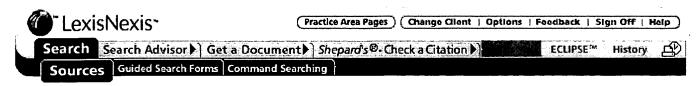
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